



Ground Systems Development & Operations

# ACTIVITY PAGE

NASA's Ground Systems Development and Operations, or GSDO, Program at Kennedy Space Center in Florida is using a "clean pad" philosophy. This means that the launch pad has minimal launch structures, which makes it easier to launch many different rockets. When cleaning up Launch Pad 39B, GSDO recycled 4,019 tons of metal and 547 tons of concrete. More than 1.3 million feet of cables, some from the Apollo era, were removed. More than 500,000 pounds of copper wire were recycled from these cables.

## "PAD" LIBS

### *Launch Your Imagination*

In order to launch my \_\_\_\_\_ rocket, I am going to study more about \_\_\_\_\_.  
(adjective) (noun-singular or plural)

I will build a rocket made of \_\_\_\_\_. It will be fueled by \_\_\_\_\_.  
(noun-singular or plural) (noun)

and named "\_\_\_\_\_". Workers in the Vehicle Assembly Building,  
(color) (noun-singular)

at Kennedy Space Center, will \_\_\_\_\_ all \_\_\_\_\_ pieces of the rocket onto  
(verb) (number)

the mobile launcher. The rocket will transport my \_\_\_\_\_ payload of \_\_\_\_\_.  
(adjective) (noun-plural)

The crawler will carry my \_\_\_\_\_ pound rocket \_\_\_\_\_ miles to the launch pad.  
(number) (number)

When I am in the control center, to launch my rocket, I will say " \_\_\_\_\_ "!  
(adjective) (noun-singular)

My rocket will carry \_\_\_\_\_ astronauts wearing \_\_\_\_\_.  
(number) (adjective) (clothing item - plural)

The commander will be \_\_\_\_\_. When the astronauts land on \_\_\_\_\_,  
(name of a person) (destination)

in space, the commander will tell his flight team " \_\_\_\_\_ the payload and \_\_\_\_\_  
(verb) (verb)

to the \_\_\_\_\_. When the mission is over, the rocket will land on a \_\_\_\_\_.  
(noun-singular) (adjective)

\_\_\_\_\_. When asked, the astronauts will say they saw the most amazing site...  
(noun-singular)

a \_\_\_\_\_.  
(adjective) (noun-singular)

Visit [go.nasa.gov/groundsystems](http://go.nasa.gov/groundsystems), for more information.